

15. (Thrice Amended). A recombinant expression system comprising a nucleic acid sequence operably linked to a control sequence compatible with a desired host, wherein said nucleic acid sequence has at least 50% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO.1, SEQUENCE ID NO. 2, SEQUENCE ID NO. 3, SEQUENCE ID NO. 4, SEQUENCE ID NO. 5 and complements thereof.

33. (Thrice Amended). A composition of matter comprising a purified polynucleotide wherein said polynucleotide has at least 50% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO. 1, SEQUENCE ID NO. 2, SEQUENCE ID NO. 3, SEQUENCE ID NO. 4, SEQUENCE ID NO. 5, and complements thereof.

39. (Thrice Amended). A purified polynucleotide comprising a polynucleotide sequence having at least 90% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO 1, SEQUENCE ID NO. 2, SEQUENCE ID NO. 4, SEQUENCE ID NO. 5, and complements thereof.

REMARKS

Reconsideration of the above-identified application in view of the following arguments is respectfully requested.

Claims 10, 11, 15, 33 and 39 have been amended to correct various typographical errors and misspellings. Also, claims 33 and 39 have been amended to delete the reference to "sequence 819141". These amendments were made for consistency purposes as the reference to this sequence was deleted in several claims in the Preliminary Amendment filed on August 2, 2000.

In view of the aforementioned arguments, Applicants submit that the claims are in condition for allowance.

Should the Examiner have any questions concerning the above, she is respectfully requested to contact the undersigned at the telephone number listed below. If any additional fees

are incurred as a result of the filing of this paper, authorization is given to charge deposit account No. 01-0025.



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Respectfully submitted,
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A handwritten signature of Mimi C. Goller is written over her printed name and registration number.

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10. (Thrice amended). A test kit useful for detecting a target polynucleotide in a test sample, said test kit comprising a container containing at least one polynucleotide having at least 50% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO. 1, SEQUENCE ID NO. 2, [SEQUENCE] SEQUENCE ID NO. 3, SEQUENCE ID[.] 4, SEQUENCE ID NO. 5 and complements thereof.

11. (Thrice amended). A purified polynucleotide comprising a polynucleotide sequence that has at least 50% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO. 1, SEQUENCE ID NO. 2, [SEQUENCE] SEQUENCE ID NO. 3, SEQUENCE ID[.] NO. 4, SEQUENCE ID NO. 5 and complements thereof.

15. (Thrice Amended). A recombinant expression system comprising a nucleic acid sequence operably linked to a control sequence compatible with a desired host, wherein said nucleic acid sequence has at least 50% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO. 1, SEQUENCE ID NO. 2, [SEQUENCE] SEQUENCE ID NO. 3, SEQUENCE ID[.] NO. 4, SEQUENCE ID NO. 5 and complements thereof.

33. (Thrice Amended). A composition of matter comprising a purified polynucleotide wherein said polynucleotide has at least 50% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO. 1, SEQUENCE ID NO. 2, SEQUENCE ID NO. 3, SEQUENCE ID[.] NO. 4, SEQUENCE ID NO. 5, [sequence 819141,] and complements thereof.

39. (Thrice Amended). A purified polynucleotide comprising a polynucleotide sequence having at least 90% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO. 1, SEQUENCE ID NO. 2, SEQUENCE ID NO. 4, SEQUENCE ID NO. 5, [sequence 819141,] and complements thereof.